

# EUROPEAN PATENT OFFICE

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TITLE : OLEFIN-BASED RESIN FOAM

ABSTRACT : PROBLEM TO BE SOLVED: To obtain an olefin-based resin foam having an improved slipping property and capable of being processed without generating problems in traveling and splitting properties, etc., when subjected to split-processing, by adding a specified fatty acid compound and/or an organopolysiloxane to an olefin-based resin in a specific amount.

SOLUTION: This olefin-based resin foam contains (A) one or more kinds of compounds comprising a 8-22C fatty acid, a metal salt and an amide of the fatty acid in an amount of 0.2-2.0 wt.% and/or (B) an organopolysiloxane in an amount of 0.01-1.0 wt.%. The component A preferably comprises 18C stearic acid, its salt and amide, especially preferably magnesium stearate. The component B preferably comprises dimethyl polysiloxane. The foam preferably has an apparent density of 0.02-0.35 g/cm<sup>3</sup>. The foam is preferably formed with an adhesive layer to at least one side of its surface. Thus the foam by which a concave-convex pattern can be simply and surely formed on a surface is provided.

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